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Applicant/Patent Owners SP Pharman P	ER 37 CRF 3.73(b)	
Applicant/Patent Owner: SB Pharmco Puerto Rico Inc and Neurocrine Biosciences Inc		
International Application No./Patent No.: PCT/IB2004/0042	93 Filed/Issue Date:	
20 December 2004		
Entitled: CRF RECEPTOR ANTAGONISTS AND METHOD	S RELATING THERETO	
SB Pharmco Puerto Rico Inc and Neurocrine Biosciences, Inc., a	corporation, states that it is:	
1. ☐ the assignee of the entire right, title, and interest; or		
2. an assignee of less than the entire right, title and interest.		
The extent (by percentage) of its ownership interest is50_%	in the patent application/patent identified above	
by virtue of either;		
A. [] An assignment from the inventor(s) of the patent applica	tion/patent identified above. The assignment was	
recorded in the United States Patent and Trademark Offi	ce at Reel, Frame, or for whic	
copy thereof is attached.		
OR		
B. [] A chain of title from the inventor(s), of the patent application	ation/patent identified above, to the current assignee	
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[] Additional documents in the chain of title are listed of	on a supplemental sheet.	
[X] Copies of assignments or other documents in the chain of title ar	e attached.	
[NOTE: A separate copy (i.e., a true copy of the original assignment of the	nent document(s)) must be submitted to Assignment	
Division in accordance with 37 CRF Part 3, if the assignment is to	be recorded in the records of the USPTO.	
See MPEP 302.08]		
The undersigned (whose title is supplied below) is authorized to act on	behalf of the assignee.	
	11/1/20	
The state of the s	<u> </u>	
Signature	Date	
Margaret Valeur-Jensen	<u>858-617-7600</u>	
Printed or Typed Name	Telephone Number	
E d W. P. H. 10. 10. 1		
Executive Vice President and General Counsel		
Title		

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CRF 1.14. This collection is essential to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commission for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

ASSIGNMENT

WHEREAS, we, Zhiyong Luo, having a post office address of 6 Chaparral Road, Nanuet, New York 10954; Deborah Slee, having a post office address of 2258 Montgomery Avenue, Cardiff by the Sea, California 92007; John Tellew, having a post office address of 1340 Caminito Balada, La Jolla, California 92037; John Williams, having a post office address of 11221 Corte Belleza, San Diego, California 92130; and Xiaohu Zhang, having a post office address of 10050 Scripps Vista Way, #22, San Diego, California 92131 (hereinafter referred to as ASSIGNORS), are the listed inventor(s)/applicant(s) of the patent application entitled "CRF RECEPTOR ANTAGONISTS AND METHODS RELATING THERETO," as described and claimed in the specification for which a PCT international patent application was filed on December 20, 2004 designating the United States of America, and assigned Application No. PCT/IB2004/004293, which international application claims the benefit of U.S. provisional patent application Serial No. 60/532,044 filed on December 22, 2003.

WHEREAS, Neurocrine Biosciences, Inc. (hereinafter referred to as ASSIGNEE), a corporation of the State of Delaware having a place of business at 12790 El Camino Real, San Diego, California 92130, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, ASSIGNORS hereby authorize and request the transfer and sale not been made. Commissioner of Patents and Trademarks of the United States and any foreign authority, whose duty is to issue patents, to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

4/24/2007	PB60641/US
Date	Zhiyong Luo
STATE OF GALIFORNIA) NEW YOU	• •
STATE OF CALIFORNIA) NEW YOU COUNTY OF SAN DIEGO) Westeled	tes
On 24 th April 2007, before Public, personally appeared Zhiyong Luo, name is subscribed to the within instrume	me, Algis Anilionis, Notary personally known to me to be the person whose ent and acknowledged to me that he executed the whis signature on the instrument the person or the
WITNESS my hand and official seal. Alas Aulions Notary Public	(Seal) Algis Aniitonis Notary Public, State of New York No. 02AN6102326 Qualified in Suffolk County My commission expires 12 00
Date	D. L I. GI.
	Deborah Slee
STATE OF CALIFORNIA) ss. COUNTY OF SAN DIEGO)	
name is subscribed to the within instrumer	me,, Notary personally known to me to be the person whose at and acknowledged to me that she executed the her signature on the instrument the person, or the d, executed the instrument.
WITNESS my hand and official seal.	(Seal)
Notary Public	
Date	John Tellew
STATE OF CALIFORNIA) ss. COUNTY OF SAN DIEGO)	·
name is subscribed to the within instrument	me,, Notary personally known to me to be the person whose t and acknowledged to me that she executed the her signature on the instrument the person, or the executed the instrument.

WITNESS my hand and official seal. (Seal)

Notary Public

Date	Zhiyong Luo
STATE OF CALIFORNIA)	
COUNTY OF SAN DIEGO) ss.	
name is subscribed to the within instrumer	personally known to me to be the person whose at and acknowledged to me that he executed the his signature on the instrument the person, or the
WITNESS my hand and official seal.	(Seal)
Notary Public	
Date 04/10/2007	Deborah Slee
STATE OF CALIFORNIA)	
COUNTY OF SAN DIEGO)	
name is subscribed to the within instrument	personally known to me to be the person whose t and acknowledged to me that she executed the her signature on the instrument the person, or the
WITNESS my hand and official seal. MUM ADMINISTRATION Public	ANDREA RODRIGUEZ Commission # 1435463 Notary Public - California San Diego County My Comm. Expires Jan 6, 2010
4/10/07 Date	John Tellew
STATE OF CALIFORNIA)	
) ss. COUNTY OF SAN DIEGO)	
Public, personally appeared John Tellew, pename is subscribed to the within instrument	ne, Andrea Rodnavez, Notary ersonally known to me to be the person whose and acknowledged to me that she executed the her signature on the instrument the person, or the executed the instrument.
WITNESS my hand and official seal. Audi Victory Public	ANDREA RODRIGUEZ Commission # 1635453 Notary Public - California San Diego County My Comm. Expires Jan 6, 2010

4/15/2007 Pli -	
Date John Williams	-
STATE OF CALIFORNIA)	
COUNTY OF SAN DIEGO)	
On April 19 2007, before me, <u>Megumi Novak</u> , Notary Public, personally appeared John Williams, personally known to me to be the person whose name is subscribed to the within instrument and acknowledged to me that she executed the same in her authorized capacity, and that by her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.	,
WITNESS my hand and official seal. (Seal)	
Notary Public	
-mil11/07 XD	
Date Xiaohu Zhang	
STATE OF CALIFORNIA)) ss. COUNTY OF SAN DIEGO)	
On Notice II, 2007, before me, AMPURATION, Notary Public, personally appeared Xiaohu Zhang, personally known to me to be the person whose name is subscribed to the within instrument and acknowledged to me that she executed the same in her authorized capacity, and that by her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.	
WITNESS my hand and official seal. (Seal)	
Notary Public ANDREA RODRIGUEZ Commission # 1635453 Notary Public - Californi San Diego County My Comm. Expires Jan 6, 2	0

ASSIGNMENT

WHEREAS, Neurocrine Biosciences, Inc. (hereinafter referred to as ASSIGNOR), a corporation of the State of Delaware having a place of business at 12790 El Camino Real, San Diego, California 92130, owns the entire right, title and interest in and to the patent application entitled "CRF RECEPTOR ANTAGONISTS AND METHODS RELATING THERETO," as described and claimed in the specification for which a PCT international patent application was filed on December 20, 2004 designating the United States of America, and assigned Application No. PCT/IB2004/004293, which international application claims the benefit of U.S. provisional patent application Serial No. 60/532,044 filed on December 22, 2003.

WHEREAS, SB Pharmco Puerto Rico, a company incorporated in the United States of America whose registered address is CSC, The United States Corporation Co., 105 Ponce de Leon Avenue, One Comptroller Plaza, Hato Rey, Puerto Rico 00917, and Neurocrine Biosciences, Inc., a corporation of the State of Delaware having a place of business at 12790 El Camino Real, San Diego, California 92130 (hereinafter referred to as ASSIGNEES), are desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sell, assign and transfer unto said ASSIGNEES the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEES and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEES and its successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR had this assignment, transfer and sale not been made. ASSIGNOR hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any foreign authority, whose duty is to issue patents, to issue all letters patent on said invention to ASSIGNEES. ASSIGNOR agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

4/11/09	Ma	
Date	Neurocrine Biosciences, Inc.	
	Margaret E. Valeur-Jensen	
	Executive Vice President and General Counsel	
STATE OF CALIFORNIA)		
) ss.		
COUNTY OF SAN DIEGO)		
On April 1/2007, before me, Andrea Rodriguez, Notary Public, personally appeared Margaret E. Valeur-Jensen, personally known to me to be the person whose name is subscribed to the within instrument and acknowledged to me that she executed the same in her authorized capacity, and that by her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.		
WITNESS my hand and official seal.	(Seal)	
Audily Poddlelles Notary Public	ANDREA RODRIGUEZ Commission # 1635453 Notary Public - California San Diego County	